

**WHAT IS CLAIMED IS:**

- 1           1.       A method for searching potential solutions within a solution network  
2 comprising:  
3           authoring a solution to solve an issue;  
4           storing the solution within a decision tree relating to the issue; and,  
5           searching the solution network based upon the issue, the searching including  
6           accessing the decision tree relating to the issue.
- 1           2.       The method of claim 1 further comprising:  
2 presenting results of a search in a graphical presentation.
- 1           3.       The method of claim 2 further comprising:  
2 the presenting includes rendering results of the search in a hierarchical view,  
3           the hierarchical view enabling a user to bypass certain solutions by  
4           skipping steps.
- 1           4.       The method of claim 2 wherein:  
2 the presenting includes rendering results of the search in a tree format, the tree  
3           format enabling navigating through trouble shooting steps one step at a  
4           time, the tree format enabling a user to pick and choose particular steps  
5           to access.
- 1           5.       The method of claim 1 further comprising:  
2 the searching includes a self learning symptom based search using a  
3           perception of an issue by the customer.
- 1           6.       The method of claim 5 wherein:  
2 the decision tree links and strengthens or lessens relevancies of trees to  
3           customer symptoms.

- 1           7.       The method of claim 1 wherein:  
2           the searching includes enabling trees to be searchable by viewing a  
3           hierarchical view of trees organized based upon business needs.
- 1           8.       The method of claim 1 wherein:  
2           the storing the solution within a decision tree provides a dynamic tool that  
3           reuses content and renders content based on the symptom and  
4           requested environmental variables.
- 1           9.       The method of claim 1 wherein:  
2           the storing the solution within a decision tree includes linking together  
3           existing knowledge articles to generate troubleshooting trees.
- 1           10.      The method of claim 1 wherein:  
2           the authoring the solution includes creating new articles available for use  
3           through searching the knowledge base in other decision trees.
- 1           11.      The method of claim 1 wherein:  
2           the authoring the solution includes creating content and troubleshooting trees  
3           by viewing an issue in a process flow.
- 1           12.      The method of claim 1 wherein:  
2           the authoring the solution includes dragging and dropping of content to create  
3           relationships and create individual knowledge articles.
- 1           13.      The method of claim 1 wherein:  
2           the authoring the solution is dynamic to enable content reviewers to review  
3           relationships between individual pieces of knowledge.
- 1           14.      An apparatus for searching potential solutions within a solution  
2           network comprising:  
3           means for authoring a solution to solve an issue;  
4           means for storing the solution within a decision tree relating to the issue; and,

5 means for searching the solution network based upon the issue, the searching  
6 including accessing the decision tree relating to the issue.

1 15. The apparatus of claim 14 further comprising:  
2 means for presenting results of a search in a graphical presentation.

1 16. The apparatus of claim 15 further comprising:  
2 the means for presenting includes means for rendering results of the search in  
3 a hierarchical view, the hierarchical view enabling a user to bypass  
4 certain solutions by skipping steps.

1 17. The apparatus of claim 15 wherein:  
2 the means for presenting includes means for rendering results of the search in  
3 a tree format, the tree format enabling navigating through trouble  
4 shooting steps one step at a time, the tree format enabling a user to  
5 pick and choose particular steps to access.

1 18. The apparatus of claim 14 further comprising:  
2 the means for searching includes means for performing a self learning  
3 symptom based search using a perception of an issue by the customer.

1 19. The apparatus of claim 18 wherein:  
2 the decision tree links and strengthens or lessens relevancies of trees to  
3 customer symptoms.

1 20. The apparatus of claim 14 wherein:  
2 the means for searching includes means for enabling trees to be searchable by  
3 viewing a hierarchical view of trees organized based upon business  
4 needs.

1 21. The apparatus of claim 14 wherein:  
2 the means for storing the solution within a decision tree provides a dynamic  
3 tool that reuses content and renders content based on the symptom and  
4 requested environmental variables.

- 1           22.     The apparatus of claim 14 wherein:  
2           the means for storing the solution within a decision tree includes means for  
3           linking together existing knowledge articles to generate  
4           troubleshooting trees.
- 1           23.     The apparatus of claim 14 wherein:  
2           the means for authoring the solution includes means for creating new articles  
3           available for use through searching the knowledge base in other  
4           decision trees.
- 1           24.     The apparatus of claim 14 wherein:  
2           the means for authoring the solution includes means for creating content and  
3           troubleshooting trees by viewing an issue in a process flow.
- 1           25.     The apparatus of claim 14 wherein:  
2           the means for authoring the solution includes dragging and dropping of  
3           content to create relationships and create individual knowledge  
4           articles.
- 1           26.     The apparatus of claim 14 wherein:  
2           the means for authoring the solution is dynamic to enable content reviewers to  
3           review relationships between individual pieces of knowledge.
- 1           27.     A system for searching potential solutions within a solution network  
2           comprising:  
3           an authoring module, the authoring module enabling authoring a solution to  
4           solve an issue;  
5           a storing module, the storing module storing the solution within a decision tree  
6           relating to the issue; and,  
7           a searching module, the searching module searching the solution network  
8           based upon the issue, the searching including accessing the decision  
9           tree relating to the issue.

1       28.     The system of claim 27 further comprising:  
2       a presenting module, the presenting module presenting results of a search in a  
3       graphical presentation.

1       29.     The system of claim 28 further comprising:  
2       the presenting module renders results of the search in a hierarchical view, the  
3       hierarchical view enabling a user to bypass certain solutions by  
4       skipping steps.

1       30.     The system of claim 28 wherein:  
2       the presenting module renders results of the search in a tree format, the tree  
3       format enabling navigating through trouble shooting steps one step at a  
4       time, the tree format enabling a user to pick and choose particular steps  
5       to access.

1       31.     The system of claim 27 further comprising:  
2       the searching module performs a self learning symptom based search using a  
3       perception of an issue by the customer.

1       32.     The system of claim 29 wherein:  
2       the decision tree links and strengthens or lessens relevancies of trees to  
3       customer symptoms.

1       33.     The system of claim 27 wherein:  
2       the searching module enables trees to be searchable by viewing a hierarchical  
3       view of trees organized based upon business needs.

1       34.     The system of claim 27 wherein:  
2       the storing module stores includes a dynamic tool that reuses content and  
3       renders content based on the symptom and requested environmental  
4       variables.

- 1        35.     The system of claim 27 wherein:  
2        the storing module links together existing knowledge articles to generate  
3        troubleshooting trees.
- 1        36.     The system of claim 27 wherein:  
2        the authoring module creates new articles available for use through searching  
3        the knowledge base in other decision trees.
- 1        37.     The system of claim 27 wherein:  
2        the authoring module creates content and troubleshooting trees by viewing an  
3        issue in a process flow.
- 1        38.     The system of claim 27 wherein:  
2        the authoring module enables dragging and dropping of content to create  
3        relationships and create individual knowledge articles.
- 1        39.     The system of claim 27 wherein:  
2        the authoring module is dynamic to enable content reviewers to review  
3        relationships between individual pieces of knowledge.